

I, Pedro Francisco Hartwig Kaechele, Identity Card M-265.319, C.P.F. (General Taxpayer Identification Number) 087.350.426-72, with office at Av. do Contorno 6656, suite 04, in the city of Belo Horizonte, MG, nominated by the Chamber of Commerce as "Ad Hoc" sworn translator in the city of Belo Horizonte, State of Minas Gerais, Brazil, on February 21st, 1990, and having signed the Compromise Term on February 22nd, 1990, do hereby certify that a document written in Portuguese was presented to me in order to be translated into English, which I have done in my official capacity, to wit:



Translation No. 10.086

Book 91

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[Stationery]

## CENLA-SA

### Latin-American Nuclear Center for Physical and Biological Research - S/A.

Recent studies have shown extraordinary results obtained by using the Amazon hair lotion.

Associated with the Nuclear Physics Laboratory and UNO-the United Nations Organization, in 317 days we carried out research on 886 people, men and women of different ethnic groups and ages varying between 20 and 65. We began our research with studies of the herbs the lotion is made up of.

The microbiologist meticulously selects each herb examining it in-depth in order to detect its respective properties. Purity is essential to the Amazon hair lotion and contamination can make a batch of the lotion completely useless. A strictly germ free environment is considered to be of the utmost importance.

Micro- and macro-biological tests were made on all the batches; however the degree of purity of the microbiological analysis as regards the bacteria was 1.1 UFC/g, and as regards mildew and yeast 0.4 UFC/g. Concerning the macro-biological analysis, no



dirt particles, following the references of FIP-Fédération Internationale Pharmaceutique and of CTFA-The Cosmetic, Toiletry and Fragrance Association. The conclusion is that all the batches/ samples were fit for testing on the patients.

Experiments on the best way to obtain its active began with tests on rabbits and mice. The rabbits and mice were injected with the lotion and its vasodilator effects could be noted due to the large increase in incorporation of radioactivity by the blood. Through these studies it was also found that the lotion does not present any risk of intoxication or skin irritation in animals, taking into consideration the healing action of certain herbs.

The second part of the investigation consists of dividing the patients into two groups. This division was performed with the utmost care, each group being made up of patients of different sexes and hair problems such as baldness, hair loss, dandruff, seborrhea... First of all the researchers observed the general appearance of each patient recording them in their respective technical reports.

The first group, called Group "X" began testing using the **Ervamatin** lotion twice a day.

The second group called Group "Y" also begins the tests, but without knowing they are using a placebo looking just like **Ervamatin**.

This process was kept up during eight weeks with no interruption in the use of the lotion, either in group X or in group Y. During this period it was noted that the results for Group X users were significantly better than expected, while in Group Y, there was no change in the patients' clinical condition.

It was then determined that patients use the lotion every two days, in the belief that daily use was unnecessary. A few weeks were enough to conform





what we were expecting. There was no change in the results. After the degenerated hair follicle recovers, it tends to keep a steady state in order for the entire recovery process is completed with satisfactory results. It was noted that the recovery time varies from patient to patient, depending on the organism and the extent of atrophy of the hair follicle of each patient.

Contrary to group X, in group Y only faster hair loss and the continued existence of the problems could be noted.

Having concluded all the necessary tests, we verified that the phytotherapy lotion was effective in 81% (eighty one percent) of the cases. Where the dandruff, hair loss, seborrhea and surprising results in recovering from baldness. 19% of the remaining patients that used the hair Lotion were considered irrecoverable as regards hair recovery for they did not show any kind of reaction, because of mental or emotional problems or even the complete death of the hair follicles.

Because of its natural composition extracted from herbs that are properly registered as world flora with therapeutic characteristics, considering all the tests, we have also concluded that the lotion causes a peripheral vasodilator action enabling the blood circulation to irrigate better.

In this investigation the **Ervamatin** was considered effective, and this was proven during 317 days of intensive research whose main aim was to fight the degenerative ills in the hair root that cause baldness.

Rio de Janeiro, February 18, 1999.

[Illegible signature]

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I certify and vouch that the presented copy is the faithful copy of the original which was presented to me.


Rio de Janeiro, February 25<sup>th</sup>., 1999.

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That is all I found in the here presented Document, which I translated textually into English on oral request of the interested party. In witness whereof I have hereunto set my hand and affixed my official seal at Belo Horizonte, February 26th, 1999.

  
Pedro Francisco Hartwig Kaechele  
Ad Hoc Translator



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Em testemunho da verdade.  
  
Sérgio Luis Ferreira Machado